

VATEC INCORPORATED
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COPY

MR. GLENN INETTE
3265 ARCADIA PLACE, N.W.
WASHINGTON, D.C. 20015

J-369

JULY 10, 1986

DEAR MR. ROBINETTE:

PER YOUR REQUEST, THE FOLLOWING IS A SIMPLIFIED TECHNICAL EXPLAINATION OF THE SYSTEM DESIGNED AND INSTALLED BY "VATEC, INC." AT THE NORTH RESIDENCE IN THE GREAT FALLS AREA OF FAIRFAX COUNTY VA.

IN ORDER TO MEET SOME SPECIAL REQUIREMENTS WE BOTH FELT WERE NEEDED TO ENHANCE THE PROTECTION OF THE AFOREMENTIONED PROPERTY, I DESIGNED AND ENGINEERED A SYSTEM TO DO CERTAIN OPERATIONS BOTH MANUALLY AND AUTOMATICALLY.

THE BASIC SYSTEM CONSISTS OF A WIRELESS ALARM SYSTEM WHICH PROTECTS THE HOUSE BY DETECTING UNAUTHORIZED ENTRY AND MOVEMENT WITHIN THE HOUSE WHILE ARMED. THE HOUSE IS ALSO PROTECTED FROM FIRE BY THE INSTALLATION OF THE "SMOKE DETECTORS". OUTSIDE LIGHTS, USING THE LATEST ADVANCES IN TECHNOLOGY, WERE INSTALLED TO INCREASE THE PROTECTION. IT IS A WELL KNOWN FACT THAT THE GREATEST DETERANT TO BURGLARS AND VANDALS ETC., IS THE PRESENCE OF LIGHT. THESE LIGHTS ARE ARRANGED SO THAT THEY CAN BE USED FOR CONVENIENCE AND ARE CONNECTED SO THAT AN ALARM BY THE SYSTEM TURNS ALL LIGHTS ON UNTIL THE ALARM IS TURNED OFF BY THE OWNER. THE SYSTEM IS ALSO CONNECTED BY THE PHONE TO A CENTRAL STATION WHICH CALLS THE PROPER AUTHORITIES WHEN THERE IS AN UNAUTHORIZED ENTRY, FIRE OR OTHER KIND OF EMERGENCY SITUATION, BY SPECIAL ELECTRONIC CODE.

I ALSO HAD A SPECIAL ELECTRICAL CIRCUIT INSTALLED AT THE FRONT OF THE PROPERTY NEAR THE GATE TO PROVIDE A MEANS BY WHICH VARIOUS DEVICES COULD BE OPERATED BY STANDARD "AC" LINE VOLTAGE. I MADE SURE BY MY SPECIFICATIONS THAT CERTAIN SAFETY PRECAUTIONS WERE INCORPORATED SO AS TO MAKE THAT CIRCUIT MORE RELIABLE.

THE WORK ALSO INCLUDED THE INSTALLATION OF A SIREN IN ONE VEHICLE TO BE USED AS A DISTRESS SIGNAL.

REGARDS,


JIM MOORE VP
VATEC, INC.

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